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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/821,395	04/09/2004	Jeff Bremmon	3156.15US02	8441

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EXAMINER

STERLING, AMY JO

ART UNIT	PAPER NUMBER
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3632

DATE MAILED: 02/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/821,395

Applicant(s)

BREMMON ET AL.

Examiner

Amy J. Sterling

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 April 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 09 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 8/13/04.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

This is the first Office Action for application number 10/821,395 Flat Panel Display Mounting System, filed on 4/9/04. Claims 1-25 are pending.

Information Disclosure Statement

The information disclosure statement submitted on 8/13/04 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement has been considered by the examiner.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 1, 4, 6, 8, 10, 13, 15 and 17 are rejected under 35 U.S.C. 102(b) as being anticipated by United States Patent No. 4699076 to Curtis et al.

The patent to Curtis et al. discloses a mounting system (10) having first and second bodies (22, 12, 24) wherein the first body (12, 24) has a display connecting portion (24, the hull of the Kayak could display advertising logos) having a plurality of keyhole slots (40) arranged in a polygonal pattern and are spaced a substantially equal distance from each adjacent keyhole slot and are defined therein as having an access

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portion (42) a notch (50) and a display connecting portion or a means for engaging and guiding (44) having a ramped region extending from the periphery of the access portion of each keyhole slot (40) in a direction opposite the notch (50) and wherein the ramped region has an inner surface adapted to engage and guide the head portion of the pin.

Curtis et al. discloses that the second body (22) has a plurality of fastening buttons (26, 34), having a base portion (34), a head portion (32) and a throat portion (30) therebetween.

With regards to claims 4, 6, 13 and 15, the first body (12, 24) could be defined as the second body, and the second body (22) could be defined as the first body.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 4-10 and 13-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over the Q-Latch Web Brochure, "Mounting Solutions for All Large Flat Panel Display Installations", dated 1999, located at www.chiefmfg.com (hereinafter "The Q-Latch Brochure", The Drawing Below is specifically located at web address http://www.chiefmfg.com/downloads/Large_Flat_Panel_Display_Sell-Sheet.pdf) and in view of United States Patent No. 4699076 to Curtis et al.

The Q-latch Brochure (See Marked Drawing Below for rejection) discloses applicant's basic inventive concept including teaching a flat panel display and a mounting system having first and second bodies, wherein the first body has a display connecting portion having a plurality of keyhole slots arranged in a polygonal pattern that are spaced a substantially equal distance from each adjacent keyhole slot and are defined therein as having an access portion and a notch. Curtis et al. discloses that the second body has a plurality of fastening buttons.

With regards to claims 4, 6, 13 and 15, the first body could be defined as the second body, and the second body could be defined as the first body.

The Q-latch Brochure shows wherein the second body has an adjustable mounting system and wherein the flat panel display can be selectively interchangeably oriented in at least a horizontal and a vertical orientation.

The Q-Latch Brochure does not teach that the keyhole slots have a means for engaging and guiding the buttons which includes a display connecting portion having a ramped region extending from the periphery of the access portion of each keyhole slot in a direction opposite the notch and wherein the ramped region has an inner surface adapted to engage and guide the head portion of the pin. The Q-Latch Brochure also does not teach the specifics of the fastening buttons including that they have a base portion, a head portion and a throat portion therebetween.

Curtis et al. teaches a mounting system (10) having first and second bodies (22, 12, 24) wherein the first body (12, 24) has a display connecting portion (24, the hull of the Kayak could display advertising logos) having a plurality of keyhole slots (40) having

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an access portion (42) a notch (50) and a display connecting portion or a means for engaging and guiding (44) having a ramped region extending from the periphery of the access portion of each keyhole slot (40) in a direction opposite the notch (50) and wherein the ramped region has an inner surface adapted to engage and guide the head portion of the pin. Curtis et al. discloses that the second body (22) has a plurality of fastening buttons (26, 34), having a base portion (34), a head portion (32) and a throat portion (30) therebetween. This fastening button configuration used to removably connect two bodies together, the display connecting portion being used as a means for guiding the button into the access portion when the fastening is not easily visible to the user. Therefore, it would have been obvious to one having ordinary skill in the art at the time the invention was made from the teachings of Curtis et al. to have used this fastening configuration, in order to easily install and remove the bodies with respect to one another.

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PITCH-ADJUSTABLE WALL MOUNTS

Adjustable body

Mounting System

Flat Panel Display

1st and 2nd Bodies/ may be defined interchangeably

PLP

PRO with PAC-125 Lateral Shift

PLP Low-Profile Pitch-Adjustable Wall Mount

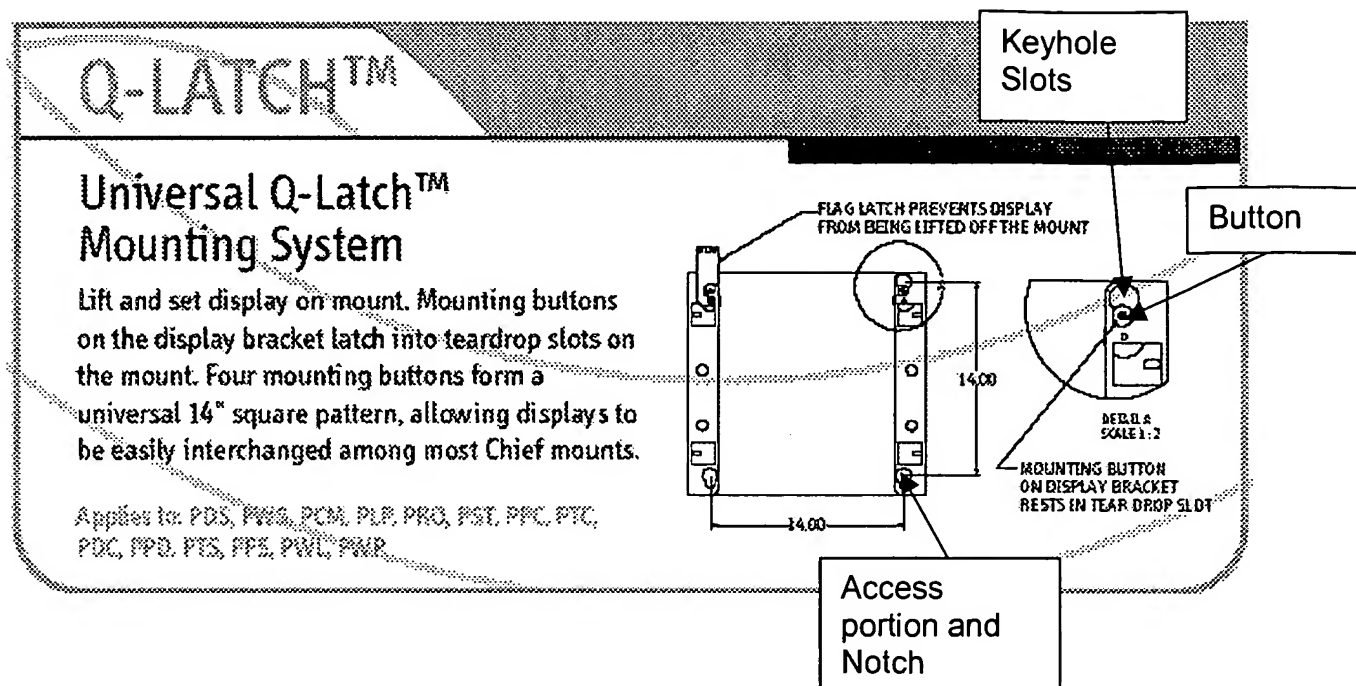
- Patented Pull-N-Pitch™ Adjustment Control from 0–15 degrees allows smooth adjustment by hand
- Approximate depth: 1 3/8" / 33 mm
- Utilizes Chief's Q-Latch™ Mounting System
- Security compatible
- Outstanding application ideas: custom residential, commercial
- Seismic-rated

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PRO Pitch-Adjustable Wall Mount

- Pitch adjustment 0–15 degrees. Able to lockdown Pitch.
- Approximate depth: 1 5/8" / 41 mm
- Utilizes Chief's Q-Latch™ Mounting System
- Security compatible
- Outstanding application ideas: commercial, touchscreen applications, exhibits
- Seismic-rated

UL US LISTED



Claims 2, 3, 11, 12 and 19-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over the Q-Latch Web Brochure, "Mounting Solutions for All Large Flat Panel Display Installations", dated 1999, located at www.chiefmfg.com (hereinafter "The Q-Latch Brochure", The Drawing Below is specifically located at web address http://www.chiefmfg.com/downloads/Large_Flat_Panel_Display_Sell-Sheet.pdf) and in view of United States Patent No. 4699076 to Curtis et al. as applied to claims 1 and 10 above and further in view of United States Patent No. 5080311 to Engstrom.

The Q-Latch Brochure and Curtis et al. show the basic inventive concept including showing the method of detachably coupling a pair of bodies including attaching a plurality of fastening buttons to one pair of the bodies, each fastening button having a base, a head and a throat portion therebetween, attaching a display connection portion to the other of the pair of bodies, the display connection portion having a plurality of keyhole slots defined therein, each keyhole slot having an access

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portion, which has a periphery and a notch in the periphery and engaging the fastening buttons in the keyhole slots.

The Q-latch Brochure and Curtis et al. do not specifically teach that the buttons are formed of Nylon 6-6 a substantially electrically insulating material.

Engstrom teaches a device with fasteners made from Nylon 6-6, which is inherently substantially electrically insulating (See Col. 5, line 26 for material selection), the material selected for its rigidity. Therefore, it would have been obvious to one of ordinary skill in the art to have made the buttons out of Nylon 6-6, in order to have a rigid connection between the desired attached bodies.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

The following documents show various key hole connecting devices

6840639 to Zadro

6781820 to Cheng


6554242 to Kim

4893777 to Gassaway

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Any inquiry concerning this communication should be directed to Amy J. Sterling at telephone number 703-308-3271. The examiner can normally be reached (M-F 8 a.m.-5:00 p.m.). If attempts to reach the examiner are unsuccessful, the examiner's supervisor, Leslie Braun can be reached at 703-308-2156. The fax machine number for the Technology center is 703-872-9306 (formal amendments) or 703-308-3519 (informal amendments/communications).

Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist at 703-308-2168.


Amy J. Sterling
2/5/05